

Title (en)

Black ink for ink jet textile printing and textile printing method

Title (de)

Schwarze Tinte für Tintenstrahltextildruck und Textildruckverfahren

Title (fr)

Encre noire pour impression sur textile à jet d'encre et procédé d'impression sur textile

Publication

EP 2777940 A1 20140917 (EN)

Application

EP 14155908 A 20140220

Priority

JP 2013051376 A 20130314

Abstract (en)

There is provided a black ink for inkjet textile printing which includes a disperse dye (A), a disperse dye (B), a disperse dye (C), water, and an organic solvent. The disperse dye (A) is at least one of C.I. Disperse Blue 60 and C.I. Disperse Blue 165, the disperse dye (B) is at least one of C.I. Disperse Red 92, and C.I. Disperse Red 154, and the disperse dye (C) is C.I. Disperse Yellow 163.

IPC 8 full level

B41J 3/407 (2006.01); **C09D 11/00** (2014.01); **D06P 3/54** (2006.01); **D06P 5/30** (2006.01)

CPC (source: EP US)

B41J 2/01 (2013.01 - US); **C09D 11/00** (2013.01 - US); **C09D 11/30** (2013.01 - US); **C09D 11/32** (2013.01 - US); **C09D 11/328** (2013.01 - EP US); **D06P 3/54** (2013.01 - EP US); **D06P 5/30** (2013.01 - EP US); **B41J 3/4078** (2013.01 - EP US)

Citation (search report)

- [IY] EP 2390288 A1 20111130 - SEIKO EPSON CORP [JP]
- [YA] JP 2005263836 A 20050929 - KONICA MINOLTA HOLDINGS INC

Cited by

EP3825366A4; EP3825365A4; CN105602344A; EP3023464A3; US11820904B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2777940 A1 20140917; **EP 2777940 B1 20171213**; JP 2014177526 A 20140925; JP 6094280 B2 20170315; US 2014267514 A1 20140918; US 9109327 B2 20150818

DOCDB simple family (application)

EP 14155908 A 20140220; JP 2013051376 A 20130314; US 201414200728 A 20140307